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	SUBJECT Information Concerning the Illich Wetallurgical Plant No 104, Mertupol. USSR	NO OF PAGES 1				
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	THIS IS UNEVALUATED INFORMATION					
, X1	1. With reference to my statement that the Mariupol had between 240 to 250 "hob" or producti	he Ilich Steel Plant at on days, I would like to				
•	add the following information in support of these seen published production figures in the Soviet U exaggerated the true number of "hot" days. The f	figures. First, I have				
(1	for the Martin furnaces only at the Ilith Plant. furnace has a greater number of "not" Jays, but I figures.	I know that a blast				
	2 The floures of this to 250 for the High Plant per	e correct as of 10k0-k1.				

- 2. The figures of the to 250 for the Idiah Plant were correct as of 1940-41. I know this because we were constantly using these figures in making out our production examples and forecasts. Then, too, it is important to note that we were using oil as the fuel in the Martin furnaces at Ilich which accounts for the figures I have given. Use of oil as fuel caused shutdowns more often for repairs. We were constantly being urged to approximate "stakhanovite" production. As a result, workmen became careless and often permitted too much oil to flow into the burners. This invariably caused the crown of the furnace to catch on fire. In fact, most of the trouble with repairs was with the crown rather than the lining, the latter giving us no extraordinary trouble. I know that was is used as fuel in the Urals, which would account for a greater number of "hot" days than in the Dodges plants.
- 3. There are experimental Martin furnaces with a 15 to 20 ton capacity which have a greater number of "hot" days but it must be noted that actual production with such furnaces is law. There is, for example, a 12 ton type furnace used at the Petrovsky Steel Pisnt in Duepropartovsk which does not need so many "ciff" days because actual production and capacity is small, thereby reducing west and teax. These furnaces are hand loaded and the whole process is undurried. Small capacity Martin furnaces fund at rolling mills may have a greater number of "hot" days; such as the Comintern Steel Rolling Mill on the Liebknecht Mill on the outskirts of Duepropetrovsk, but then they are not engaged in main production processes.

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